

Applicants: FLORIAN KERN ET AL.  
U.S. Application No.: 09/600,564  
Combined Amendment and Election of Species

**Amendments to the Abstract:**

Please replace the abstract with the following amended abstract:

Peptides, which may be fragments of the IE-1 or pp65 proteins, selected from the following group of sequences:

R<sub>N</sub> - Gln Thr Met Leu Arg Lys Glu Val Asn Ser Gln Leu Ser Leu Gly - R<sub>C</sub> (SEQ ID No. 1)

R<sub>N</sub> - Cys Asn Glu Asn Pro Glu Lys Asp Val Leu Ala Glu Leu Val Lys - R<sub>C</sub> (SEQ ID No. 2)

R<sub>N</sub> - Leu Val Lys Gln Ile Lys Val Arg Val Asp Met Val Arg His Arg- R<sub>C</sub> (SEQ ID No. 12)

R<sub>N</sub> - Ala Ala Asn Lys Leu Gly Gly Ala Leu Gln Ala Lys Ala Arg Ala - R<sub>C</sub> (SEQ ID No. 13)

R<sub>N</sub> - Ala Arg Ala Lys Lys Asp Glu Leu Arg Arg Lys Met Met Tyr Met- R<sub>C</sub> (SEQ ID No. 2)

R<sub>N</sub> - Asp Glu Leu Arg Arg Lys Met Met Tyr Met- R<sub>C</sub> (SEQ ID No. 3)

R<sub>N</sub> - Glu Leu Arg Arg Lys Met Met Tyr Met Cys Tyr Arg Asn Ile Glu- R<sub>C</sub> (SEQ ID No. 4)

R<sub>N</sub> - Val- Thr Ser Asp Ala Cys Met Met Thr Met Tyr Gly Gly Ile Ser- R<sub>C</sub> (SEQ ID No. 15)

R<sub>N</sub> - Glu Phe Cys Arg Val Leu Cys Cys Tyr Val Leu Glu Glu Thr Ser- R<sub>C</sub> (SEQ ID No. 5)

R<sub>N</sub> - Met Ser Ile Tyr Val Tyr Ala Leu Pro Leu Lys Met Leu Asn Ile- R<sub>C</sub> (SEQ ID No. 16)

R<sub>N</sub> - Val Tyr Ala Leu Pro Leu Lys Met Leu Asn Ile Pro Ser Ile Asn - R<sub>C</sub> (SEQ ID No. 17)

R<sub>N</sub> - Ala Leu Pro Leu Lys Met Leu Asn Ile - R<sub>C</sub> (SEQ ID No. 18)

R<sub>N</sub> - His Ile Met Leu Asp Val Ala Phe Thr Ser His Glu His Phe Gly - R<sub>C</sub> (SEQ ID No. 19)

R<sub>N</sub> - Asp Val Ala Phe Thr Ser His Glu His Phe Gly Leu Leu Cys Pro- R<sub>C</sub> (SEQ ID No. 20)

R<sub>N</sub> - Val Ala Phe Thr Ser His Glu His Phe- R<sub>C</sub> (SEQ ID No. 21)

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R<sub>N</sub> - Ala Phe Thr Ser His Glu His Phe Gly - R<sub>C</sub> (SEQ ID No. 22)

R<sub>N</sub> - Ala Asn Asp Ile Tyr Arg Ile Phe Ala Glu Leu Glu Gly Val Trp- R<sub>C</sub> (SEQ ID No. 23)

R<sub>N</sub> - Val Cys Ser Met Glu Asn Thr Arg Ala Thr Lys Met Gln Val Ile- R<sub>C</sub> (SEQ ID No. 24)

R<sub>N</sub> - Glu Asn Thr Arg Ala Thr Lys Met Gln Val Ile Gly Asp Gln Tyr- R<sub>C</sub> (SEQ ID No. 25)

R<sub>N</sub> - Asn Thr Arg Ala Thr Lys Met Gln Val- R<sub>C</sub> (SEQ ID No. 26)

R<sub>N</sub> - Thr Arg Ala Thr Lys Met Gln Val Ile - R<sub>C</sub> (SEQ ID No. 27)

R<sub>N</sub> - Gln Pro Phe Met Arg Pro His Glu Arg Asn Gly Phe Thr Val Leu - R<sub>C</sub> (SEQ ID No. 28)

R<sub>N</sub> - Pro Leu Lys Met Leu Asn Ile Pro Ser Ile Asn Val His His Tyr- R<sub>C</sub> (SEQ ID No. 29)

R<sub>N</sub> - Leu Asn Ile Pro Ser Ile Asn Val His His Tyr Pro Ser Ala Ala - R<sub>C</sub> (SEQ ID No. 30)

R<sub>N</sub> - Glu Asp Val Pro Ser Glu Lys Leu Phe Met His Val Thr Leu Gly - R<sub>C</sub> (SEQ ID No. 31)

R<sub>N</sub> - Cys Arg Val Leu Cys Cys Tyr Val Leu - R<sub>C</sub> (SEQ ID No. 6)

R<sub>N</sub> - Arg Val Leu Cys Cys Tyr Val Leu Glu - R<sub>C</sub> (SEQ ID No. 7)

R<sub>N</sub> - Val Leu Cys Cys Tyr Val Leu Glu Glu - R<sub>C</sub> (SEQ ID No. 8)

R<sub>N</sub> - Glu Leu Arg Arg Lys Met Met Tyr Met- R<sub>C</sub> (SEQ ID No. 9)

R<sub>N</sub> - Asp Glu Leu Arg Arg Lys Met Met Tyr - R<sub>C</sub> (SEQ ID No. 10)

R<sub>N</sub> - Asp Glu Leu Arg Arg Lys Met Met Tyr Met - R<sub>C</sub> (SEQ ID No. 14)

R<sub>N</sub> - Asp Glu Glu Glu Ala Ile Val Ala Tyr Tyr Leu Ala Thr Ala Gly - R<sub>C</sub> (SEQ ID No. 32)

or

R<sub>N</sub> - Glu Asn Ser Asp Gln Glu Glu Ser Glu Gln Ser Asp Glu Glu Glu - R<sub>C</sub> (SEQ ID No. 33)

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wherein

R<sub>N</sub> represents -H or an amino protective group;

R<sub>C</sub> represents -OH or a carboxy protective group.

The peptides according to the invention are used for preparing a medicament for vaccination against HCMV infections, or a diagnostic agent for identifying an immune response against HCMV.